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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

Applicant: COSTAGLIOLA, A.

Application No.: 10/762,320

Title: BLEACH AND VINEGAR DETERGENT  
SYSTEM

Docket No.: COSTAGLIOLA=1

Filing Date: 23 January 2004

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31 August 2004

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313

RESPONSE

Dear Sir:

In response to the Non-final Office Action issued in the above case,  
please amend the claims as follows:

--1 (amended). A detergent system for cleaning necessary areas and objects  
of focus for cleanliness, comprising:

a surfactant in a range of 60 to 75 weight percent;

a bleach selected from the group consisting of chlorine, sodium hypochlorite,  
calcium hypochlorite, bleach liquor, lime bleach liquor, bleaching powder,

chlorinated lime, chloride of lime, dibasic magnesium hypochlorite, lithium

hypochlorite, chlorinated trisodium phosphate, hypochlorous acid, oxidized

chlorides, hypobromites, chlorinated isocyanurates, halogenated hydantoins,

sodium N-chlorobenzenesulfonamide, sodium N-chloro-p-toluenesulfonamide,

N-chlorosuccinimide, trichloromelamine, 1,3-dichlorotetrahydroquinazoline-

2,4-dione, tetrachloroglycoluril, sodium trichlorometaphosphimate, sodium N-chloroimido-disulfonate, and N-chlorophenylbiquanidino, chlorine dioxide, hydrogen peroxide, sodium perborate, sodium tetrahydrate, sodium monohydrate, sodium carbonate peroxyhydrate, peroxymonosulfuric acid (Caro's Acid), potassium permonosulfate, and sodium percarbonate in a range of about 0.01 to about 6 weight percent; a vinegar in a range of about 10 to about 20 weight percent; and water.

--2 (cancelled).

--3 (amended). The deterative system of claim 1, wherein the surfactant is in a range of about 70 to about 73 weight percent.

--9 (amended). The deterative system of claim 1, wherein the surfactant is a commercially available detergent.

--10 (cancelled).

--11 (cancelled).

#### REMARKS

In response to the rejections made in this case, Applicant replies as follows:

#### Rejections under 35 U.S.C. 112

The Examiner has rejected claims 1-11, 14-18 and 20 under 35 U.S.C. 112, 1<sup>st</sup> paragraph because "...the specification, while being enabling for an oxygen bleach including sodium percarbonate, does not reasonably provide enablement for any "bleach" including hypochlorites." This rejection is respectfully traversed.